



**CITY OF HAYWARD**  
**AGENDA REPORT**

AGENDA DATE 02/08/00

AGENDA ITEM 3

WORK SESSION ITEM \_\_\_\_\_

**TO:** Mayor and City Council

**FROM:** Director of Public Works

**SUBJECT:** Traffic Signal Installation at Huntwood Avenue and Sandoval Way: Approval of Addendum No. 1 and Award of Contract

**RECOMMENDATION:**

It is recommended that the City Council approve the attached resolution that:

1. Approves Addendum No. 1, which provided minor modifications to the plans and specifications; and
2. Awards the contract to Cirimele Electric Works in the amount of \$161,998.

**BACKGROUND:**

On October 12, 1999, the City Council approved plans and specifications for the subject project and called for bids to be received. A new traffic signal will be installed at the intersection of Huntwood Avenue and Sandoval Way. The existing traffic signal at the Huntwood-Industrial Parkway intersection will be modified to provide larger signal heads, and Industrial Parkway striping will be modified to provide three lanes of westbound/eastbound traffic where there are currently two lanes and a parking lane.

On January 11, 2000, six bids were received. Cirimele Electric Works submitted the low bid in the amount of \$161,998, which is 3 percent below the Engineer's Estimate of \$166,700. Mike Brown Electric Company submitted the second low bid in the amount of \$163,844, which is 2 percent below the Engineer's Estimate and \$1,846 higher than the low bid. The bids ranged from \$161,998 to \$207,860.

The single Disadvantaged Business Enterprise (DBE) goal of 12 percent established for this federally funded project includes both Minority Business Enterprise (MBE) and Women Business Enterprise (WBE) participation. The establishment of the goal was based on staff's determination of the subcontracting opportunities available for the work. Cirimele's bid includes 11.5 percent participation. Mike Brown's bid includes 13 percent participation.

**PROJECT COST:**

The estimated costs for the project are as follows:

Construction Cost	\$161,998
City-Furnished Materials	43,002
Design and Administration	35,000
Construction Inspection and Survey	<u>20,000</u>
Total Estimated Cost	\$260,000


**FUNDING:**

The adopted Capital Improvement Program includes \$220,000 in the Street System Improvement Fund for this project in 1999/2000. The Federal Transportation Act for the Twenty-First Century (TEA-21) and State (SB45) funds will totally reimburse project costs. Sufficient monies are available for transfer within the fund to complete this project. Transfer of the required \$40,000 will be done administratively.


**SCHEDULE:**

Award Contract	February 8, 2000
Begin Construction	March 6, 2000
Complete Construction	April 14, 2000

Prepared by:

  
Robert A. Bauman, Deputy Director of Public Works

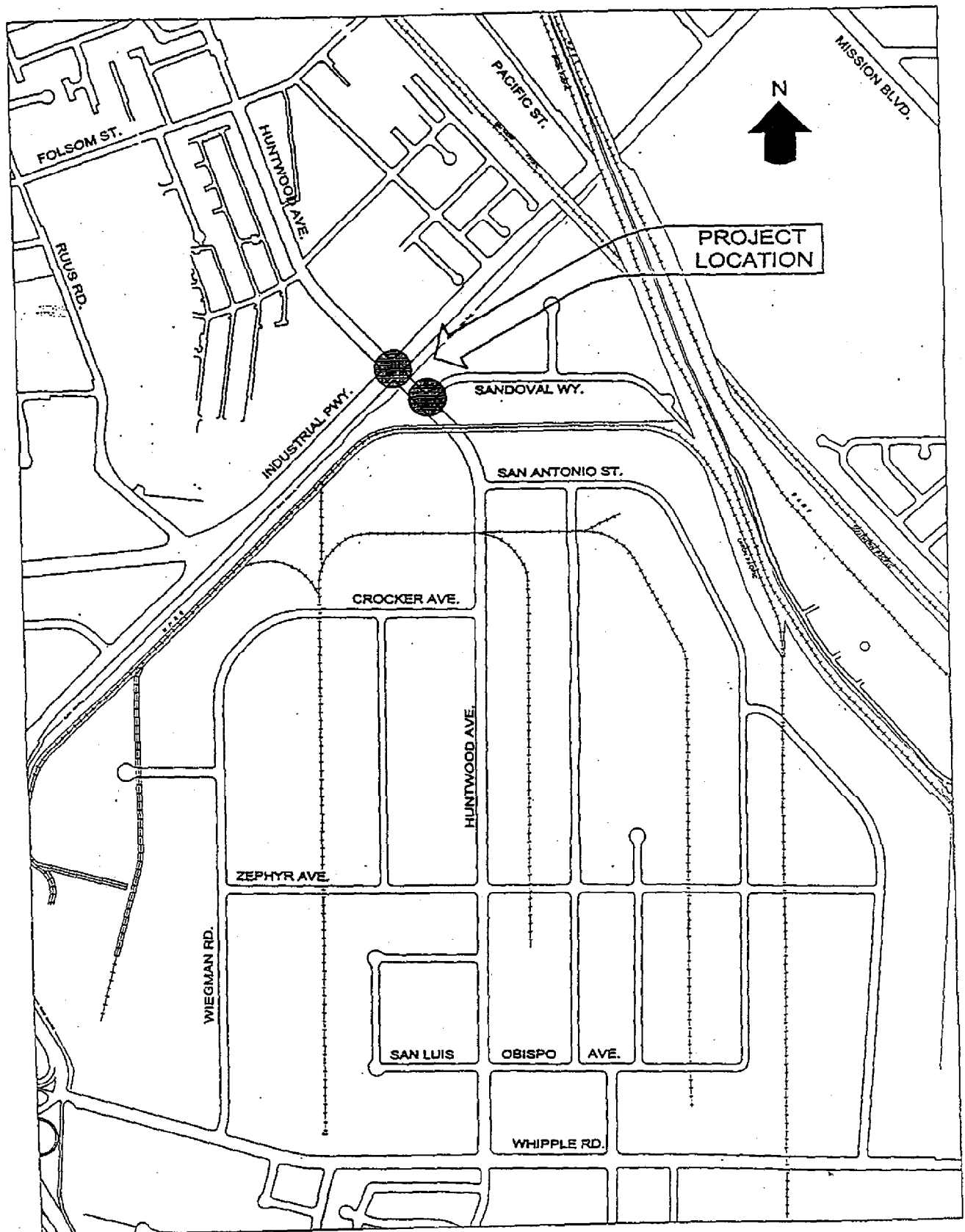
Recommended by:

  
Dennis L. Butler, Director of Public Works

Approved by:

  
Jesús Armas, City Manager

Attachments: Exhibit A: Location Map  
Exhibit B: Summary of Bids



HUNTWOOD/SANDOVAL TRAFFIC SIGNAL  
LOCATION MAP

CITY OF HAYWARD  
 TRAFFIC SIGNAL INSTALLATION AT HUNTWOOD AVENUE & SANDOVAL WAY  
 PROJECT NO. 5191; FEDERAL PROGRAM NO.: CML 5050 (019)  
 BIDS OPENED: JANUARY 11, 2000

(NUMBER OF BIDS RECEIVED - 6)

Page 1 of 3

BID SUMMARY				ENGINEER'S ESTIMATE		CIRIMELE ELEC. WORKS 607 MARINA WAY SOUTH RICHMOND CA 94804 (510) 620-1150		MIKE BROWN ELECTRIC CO. 561-A MERCANTILE DRIVE COTATI CA 94931 (707) 792-8100	
ITEM	QUANTITY	UNIT		UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	1	LS	MOBILIZATION	5,000.00	5,000.00	10,500.00	10,500.00	1,500.00	1,500.00
2	1	LS	TRAFFIC CONTROL	5,000.00	5,000.00	2,500.00	2,500.00	5,000.00	5,000.00
3	1	LS	CLEARING & GRUBBING	2,500.00	2,500.00	9,120.00	9,120.00	10,000.00	10,000.00
4	120	SF	MINOR CONCRETE (SIDEWALK)	12.00	1,440.00	6.15	738.00	6.00	720.00
5	4	EA	MINOR CONCRETE (WHEELCHAIR RAMP)	2,100.00	8,400.00	1,500.00	6,000.00	2,432.00	9,728.00
6	360	LF	MINOR CONCRETE (MEDIAN CURB)	20.00	7,200.00	17.75	6,390.00	17.35	6,246.00
7	1	LS	TRAFFIC SIGNAL INSTALLATION, HUNTWOOD / SANDOVAL	62,000.00	62,000.00	55,500.00	55,500.00	54,500.00	54,500.00
8	1	LS	TRAFFIC SIGNAL MODIFICATIONS, HUNTWOOD / INDUSTRIAL PKWY	13,000.00	13,000.00	17,350.00	17,350.00	27,000.00	27,000.00
9	18	EA	DETECTOR LOOPS (TYPE D, VARIOUS SIZES)	450.00	8,100.00	350.00	6,300.00	300.00	5,400.00
10	57	EA	DETECTOR LOOPS (TYPE A, 6' X 6')	300.00	17,100.00	300.00	17,100.00	250.00	14,250.00
11	1	LS	SIGNING AND PAVEMENT MARKING	22,000.00	22,000.00	15,500.00	15,500.00	14,500.00	14,500.00
12	1	LS	ADMINISTRATIVE CHANGE ORDERS	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00
TOTAL					166,740.00		161,998.00		163,844.00

Exhibit B

CITY OF HAYWARD

TRAFFIC SIGNAL INSTALLATION AT HUNTWOOD AVENUE & SANDOVAL WAY

PROJECT NO. 5191; FEDERAL PROGRAM NO.: CML 5050 (019)

BIDS OPENED: JANUARY 11, 2000

(NUMBER OF BIDS RECEIVED - 6)

Page 2 of 3

BID SUMMARY				ENGINEER'S ESTIMATE		RICHARD A. HEAPS ELEC. CON 8909 FLORIN ROAD SACRAMENTO CA 95829 (916) 386-8857		ST. FRANCIS ELECTRIC 23294 CONNECTICUT STREET HAYWARD CA 94545 (510) 887-2888	
ITEM	QUANTITY	UNIT		UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	1	LS	MOBILIZATION	5,000.00	5,000.00	2,552.00	2,552.00	1,200.00	1,200.00
2	1	LS	TRAFFIC CONTROL	5,000.00	5,000.00	4,000.00	4,000.00	3,500.00	3,500.00
3	1	LS	CLEARING & GRUBBING	2,500.00	2,500.00	6,500.00	6,500.00	9,120.00	9,120.00
4	120	SF	MINOR CONCRETE (SIDEWALK)	12.00	1,440.00	10.00	1,200.00	6.00	720.00
5	4	EA	MINOR CONCRETE (WHEELCHAIR RAMP)	2,100.00	8,400.00	2,000.00	8,000.00	2,432.00	9,728.00
6	360	LF	MINOR CONCRETE (MEDIAN CURB)	20.00	7,200.00	20.00	7,200.00	17.35	6,246.00
7	1	LS	TRAFFIC SIGNAL INSTALLATION, HUNTWOOD / SANDOVAL	62,000.00	62,000.00	61,000.00	61,000.00	59,000.00	59,000.00
8	1	LS	TRAFFIC SIGNAL MODIFICATIONS, HUNTWOOD / INDUSTRIAL PKWY	13,000.00	13,000.00	21,300.00	21,300.00	36,000.00	36,000.00
9	18	EA	DETECTOR LOOPS (TYPE D, VARIOUS SIZES)	450.00	8,100.00	320.00	5,760.00	359.31	6,467.58
10	57	EA	DETECTOR LOOPS (TYPE A, 6' X 6')	300.00	17,100.00	300.00	17,100.00	228.55	13,027.35
11	1	LS	SIGNING AND PAVEMENT MARKING	22,000.00	22,000.00	14,500.00	14,500.00	14,500.00	14,500.00
12	1	LS	ADMINISTRATIVE CHANGE ORDERS	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00
			TOTAL		166,740.00		164,112.00		174,508.93

CITY OF HAYWARD  
 TRAFFIC SIGNAL INSTALLATION AT HUNTWOOD AVENUE & SANDOVAL WAY  
 PROJECT NO. 5191; FEDERAL PROGRAM NO.: CML 5050 (019)  
 BIDS OPENED: JANUARY 11, 2000

(NUMBER OF BIDS RECEIVED - 6)

Page 3 of 3

BID SUMMARY				ENGINEER'S ESTIMATE		FREEWAY ELECTRIC, INC. 345 COMMERCIAL STREET SAN JOSE CA 95112 (408) 998-7195		TENNYSON ELECTRIC, INC. 7275 NATIONAL DR., SUITE A LIVERMORE CA 94550 (925) 606-1038	
ITEM	QUANTITY	UNIT		UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	1	LS	MOBILIZATION	5,000.00	5,000.00	3,300.00	3,300.00	6,500.00	6,500.00
2	1	LS	TRAFFIC CONTROL	5,000.00	5,000.00	3,450.00	3,450.00	9,000.00	9,000.00
3	1	LS	CLEARING & GRUBBING	2,500.00	2,500.00	1,550.00	1,550.00	8,000.00	8,000.00
4	120	SF	MINOR CONCRETE (SIDEWALK)	12.00	1,440.00	10.00	1,200.00	8.00	960.00
5	4	EA	MINOR CONCRETE (WHEELCHAIR RAMP)	2,100.00	8,400.00	1,400.00	5,600.00	2,200.00	8,800.00
6	360	LF	MINOR CONCRETE (MEDIAN CURB)	20.00	7,200.00	24.50	8,820.00	30.00	10,800.00
7	1	LS	TRAFFIC SIGNAL INSTALLATION, HUNTWOOD / SANDOVAL	62,000.00	62,000.00	67,000.00	67,000.00	73,800.00	73,800.00
8	1	LS	TRAFFIC SIGNAL MODIFICATIONS, HUNTWOOD / INDUSTRIAL PKWY	13,000.00	13,000.00	26,000.00	26,000.00	36,100.00	36,100.00
9	18	EA	DETECTOR LOOPS (TYPE D, VARIOUS SIZES)	450.00	8,100.00	500.00	9,000.00	350.00	6,300.00
10	57	EA	DETECTOR LOOPS (TYPE A, 6' X 6')	300.00	17,100.00	400.00	22,800.00	300.00	17,100.00
11	1	LS	SIGNING AND PAVEMENT MARKING	22,000.00	22,000.00	16,500.00	16,500.00	15,500.00	15,500.00
12	1	LS	ADMINISTRATIVE CHANGE ORDERS	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00
			TOTAL		166,740.00		180,220.00		207,860.00

**DRAFT**

*jm 1-31-00*

**HAYWARD CITY COUNCIL**

**RESOLUTION NO. \_\_\_\_\_**

**Introduced by Council Member \_\_\_\_\_**

**RESOLUTION APPROVING ADDENDUM NO. 1 FOR  
INSTALLATION OF THE HUNTWOOD AVENUE AND  
SANDOVAL WAY TRAFFIC SIGNAL PROJECT, PROJECT  
NO. 5191, AND AWARD CONTRACT TO CIRIMELE  
ELECTRIC WORKS.**

**WHEREAS, on October 12, 1999, the City Council approved the plans and specifications for installation of the Huntwood Avenue and Sandoval Way Traffic Signal Project, Project No. 5191, and called for bids to be received on January 11, 2000; and**

**WHEREAS, Addendum No. 1 was issued to provide minor modifications to the plans and specifications.**

**NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Hayward that Addendum No. 1 is hereby approved and adopted as part of the plans and specifications for the project.**

**BE IT FURTHER RESOLVED that Cirimele Electric Works is hereby awarded the contract for installation of the Huntwood Avenue and Sandoval Way Traffic Signal Project, Project No. 5191, in accordance with the plans and specifications adopted therefor and on file in the office of the City Clerk of the City of Hayward at and for \$161,998 (one hundred sixty one thousand, nine hundred ninety eight dollars), the price named and stated in the bid of the hereinabove specified bidder, and all other bids are hereby rejected.**

**BE IT FURTHER RESOLVED that the City Manager is hereby authorized and directed to execute an agreement with Cirimele Electric Works, for the award of the contract on behalf of the City of Hayward, in an amount not to exceed \$161,998 (one hundred sixty-one thousand, nine hundred ninety eight dollars) for installation of the Huntwood Avenue Sandoval Way Traffic Signal Project, Project No. 5191 in a form to be approved by the City Attorney.**

IN COUNCIL, HAYWARD, CALIFORNIA \_\_\_\_\_ , 2000

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST: \_\_\_\_\_  
City Clerk of the City of Hayward

APPROVED AS TO FORM:

\_\_\_\_\_  
City Attorney of the City of Hayward